APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Shishkin, O. P. and Grachev, B. A.
THE CAPABILITIES OF A DATA LINK USING THE PIPES IN THE WELL. [1963] 5p
Order from OTS $6.50 ATS-17Q72R

Trans. of [Izvestiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 7, p. 95-99.

DESCRIPTORS: *Well drilling, Pipes, Data, Transmission.

(Earth Sciences--Geology, TT, v. 11, no. 5)

TT-63-22929

I. Shishkin, O. P.
II. Grachev, B. A.
III. ATS-17Q72R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Sultanov, M. Yu. and Belen'kii, M. S.
EFFECT OF COMPOSITION ON THE PROPERTIES OF COPPER-CHROMIUM OXIDE CATALYSTS IN THE OXIDATION OF CARBON MONOXIDE. [1963] 8p.
Order from ATS 59.85 ATS-96Q66R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 9, p. 63-69.

DESCRIPTORS: *Carbon compounds, *Monoxides, *Oxidation, Copper catalysts, *Catalysts, Chromium compounds, Oxides, Gases.

(Chemistry--Physical, TT, v. 9, no. 10)

63-12845

I. Sultanov, M. Yu.
II. Belen'kii, M. S.
III. ATS-96Q66R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Uzumov, I. G.
DETERMINATION OF THE LOAD ON SURFACE EQUIPMENT DURING THE WORKING CYCLE OF A DOWNHOLE PUMP. [1963] 7p.
Order from ATS $10.25 ATS-95Q67R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 10, p. 35-40.

DESCRIPTORS: *Pumps, Operation, Petroleum, Machines, Load distribution.

(Engineering, TT, v. 10, no. 6)

63-17460

I. Uzumov, I. G.
II. ATS-95Q67R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Bogachev, B. A.
DETERMINATION OF THE PHYSICAL PARAMETERS OF A GAS-BEARING RESERVOIR. [1963] 5p.
Order from ATS $6.50 ATS-01Q68R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i GAZ (USSR) 1962, v. 5, no. 10, p. 47-51.

DESCRIPTORS: *Natural gas, Hydraulic accumulators, Pneumatic devices, Determination.

(Earth Sciences--Geology, TT, v. 10, no. 5)

63-17459

I. Bogachev, B. A.
II. ATS-01Q68R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Dzhafarov, Kh. D. and Bairamova, R. A.
DRAWING OF STRUCTURAL MAPS FROM DATA OF GEOPHYSICAL STUDIES. [1963] 5p
Order from ATS $6.00 ATS-63Q72R

Trans. of Izv[estiya] Vyashikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 13-16.

DESCRIPTORS: *Maps, *Terrain, Mapping, Surveying, Geophysics.

(Earth Sciences--Geodesy, TT, v. 11, no. 3)

TT-63-22954

1. Dzhafarov, Kh. D.
II. Bairamova, R. A.
III. ATS-63Q72R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Pudovkin, M. A.
SOLUTION OF A PROBLEM IN SUBSURFACE HYDROMECHANICS UNDER ELASTIC CONDITIONS. [1963] 9p.
Order from ATS $11.00 ATS-11Q69R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 39-45.

DESCRIPTORS: *Fluid flow, Liquids, Motion, *Hydrodynamics, *Elasticity.

(Mechanics--Hydrodynamics, TT, v. 10, no. 5)

63-17483

I. Title: Hydromechanics
I. Pudovkin, M. A.
II. ATS-11Q69R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Chernozhukov, N. I., Vainshtok, V. V., and Kartinin, B. N.
ON THE CRYSTALLINE SUBMICROSTRUCTURE OF MIXTURES OF HARD HYDROCARBONS IN THE HYDROCARBON MEDIUM (O Submikrostrukture Kristallov Smesei Tverdykh Uglevodorodov v Uglevodorodnoi Srede). [1964] [10p] (foreign text included) 4refs
Order from OTS, SLA, or ETC $1.10 TT-64-10982

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 53-57.

(Chemistry--Organic, TT, v. 12, no. 2)

TT-64-10982

I. Chernozhukov, N. I.
II. Vainshtok, V. V.
III. Kartinin, B. N.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Gobzhila, A. G. and Popesku, F. S.
ON THE PROBLEM OF PREPARATION OF PETROLEUM FOR REPROCESSING (K Voprosu Podgotovki Nefti k Pererabotke). [1963] [10p] (foreign text included) 11 refs
Order from OTS, SLA, or ETC $1.10 TT-64-10998

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 71-74.

DESCRIPTORS: *Petroleum, *Colloids, *Surface active substances, *Chemical engineering.

(Engineering--Chemical, TT, v. 11, no. 7)

TT-64-10998

I. Gobzhila, A. G.
II. Popesku, F. S.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Sultanov, M. Yu. and Belen'kii, M. S.
INFLUENCE OF THE COMPOSITION ON THE PROPERTIES OF COPPER OXIDE-CHROMIUM OXIDE CATALYSTS IN THE REACTION OF THE COMPLETE OXIDATION OF n-HEPTANE. [1963] 7p.
Order from ATS $8.50 ATS-12Q69R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft i Gaz (USSR) 1962, v. 5, no. 12, p. 59-64.

DESCRIPTORS: *Copper compounds, *Chromium compounds, Oxides, *Catalysts, Chemical reactions, *Oxidation, *Heptanes, Chemical properties.

(Chemistry, TT, v. 10, no. 2)

63-17347
63-12796
I. Sultanov, M. Yu.
II. Belen'kii, M. S.
III. ATS-12Q69R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-3956
ICE U.S. No 3

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

S-427/63

The Problem of Increasing the Possible Depth of Drilling, by E. I. Tagiyev, O. V. Orlov. (DC-8590)

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft i Gaz, No 12, 1962, pp 111-115.

*JPRS

Sci - Engineering
Apr 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Filimonov, N. M., Spivak, A. I., and Popov, A. N.
THE DYNAMIC INTERACTION BETWEEN THE TOOTH OF A ROLLER BIT AND ROCK. [1963] 6p.
Order from ATS $8.85 ATS-48Q70R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedeni. Neft' i Gaz (USSR) 1963, v. 6, no. 1, p. 35-40.

DESCRIPTORS: Dynamics, *Drills, *Rock (Geology), Well drilling, Mining engineering.

(Engineering, TT, v. 10, no. 10)

63-22176

I. Filimonov, N. M.
II. Spivak, A. I.
III. Popov, A. N.
IV. ATS-48Q70R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Stradymov, P. K.
AN APPROXIMATE METHOD FOR GAS INJECTION CALCULATIONS FOR WATER-BEARING FORMATIONS. [1963] 9p.
Order from ATS $10.75 ATS-53Q70R

Trans. of Izv[estiya] Vysshikh Uchebn[nykh] Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 1, p. 41-48.

DESCRIPTORS: *Hydrodynamics, *Gases, Injection, Water, Stratigraphy, Mining engineering, Recovery, Fluid Flow.

(Engineering, TT, v. 10, no. 10)

63-22167

I. Stradymov, P. K.
II. ATS-53Q70R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Shishkin, O. P., Grachev, B. A., and Leonov, A. I. THE POWER REQUIRED FOR THE TRANSMITTER OF AN ELECTRICAL DATA LINK WITH THE BOTTOM OF THE HOLE. [1963] 6p.
Order from ATS $7.75 ATS-98Q70R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 2, p. 93-97.

DESCRIPTORS: *Well logging, Power, Communication equipment, Borehole, Data transmission systems, *Power supplies.

(Earth Sciences--Geology, TT, v. 10, no. 10)

63-22341

I. Shishkin, O. P.
II. Grachev, B. A.
III. Leonov, A. I.
IV. ATS-98Q70R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Fauzi, M. A., Kartinia, B. N., and Chernozhukov, N. I.
INVESTIGATION OF THE EFFECT OF DEWAXING CONDITIONS ON THE CHARACTER OF THE CRYSTALLIZATION OF THE SOLID HYDROCARBONS OF RESIDUAL OILS. [Jan 64] 8p
Order from ATS $10.75 ATS-92Q72R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 3, p. 59-64.

DESCRIPTORS: *Oils, Hydrocarbons, Solids, Crystallization, Waxes, Separation.

(Engineering--Chemical, TT, v. 11, no. 10)

TT-64-12381

I. Fauzi, M. A.
II. Kartinia, B. N.
III. Chernozhukov, N. I.
IV. ATS-92Q72R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

The Flow of a Compressible Fluid From a Fractured Reservoir into a Well, by
K. G. Isayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 6, 1963, pp 43-48.
ATS RJ-4488

Sci-Mech,
Apr 67

321,561

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Lyshevskii, A. S.
DETERMINATION OF THE AXIAL PRESSURE OF A JET-BIT STREAM. [Jan 64] 7p
Order from ATS $9.00 ATS-88Q73R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 6, p. 77-82.

DESCRIPTORS: *Jets, Gas flow, Pressure, Fluid mechanics, Jet mixing flow.

(Mechanics, TT, v. 11, no. 10)

TT-64-12996

I. Lyshevskii, A. S.
II. ATS-88Q73R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Rudnev, O. V.
INVESTIGATION OF A SINGLE-CONDUCTOR LOGGING CABLE AS A COMMUNICATION CHANNEL FOR TRANSMISSION OF INFORMATION BY PULSES. [1964] 7p
Order from ATS $8.00 ATS-38R74R

Trans. of Izv[estiya] Vyssshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 7, p. 89-94.

(Engineering, TT, v. 11, no. 12)

TT-64-12766

I. Rudnev, O. V.
II. ATS-36R74R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Determining the Drilling Speed in Drilling With Rock Bits With the Aid of a Model Study, by L. E. Simonyants, B. A. Zhlobinskiy. 9 pp. RUSSIAN, per, Izv. VUZ Neft' i Gaz, Vol 6, No 8, 1963, pp 25-29.
OTS TT-64-26106

Sci/Engr
Jun 67

327,685

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Fauzi, M., Kartinin, B. N., and Chernozhukov, N. I.
EFFECT OF THE DEGREE OF PHENOL REFINING OF RESIDUAL OIL ON THE PERFORMANCE OF THE DEWAXING PROCESS. 5p.
Order from ATS $8.00 ATS-33R75R

Trans. of Izv[estiya] Vyasshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 8, p. 61-64.

(Engineering--Chemical, TT, v. 12, no. 4)

TT-64-22271

I. Fauzi, M.
II. Kartinin, B. N.
III. Chernozhukov, N. I.
IV. ATS-33R75R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Stress Conditions at the Bottom of a Well and Determination of the Strength of the Rock at the Bottom, by V. S. Fedorov and V. V. Bulatov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI, No 9, 1963, pp 31-35.
ATS RJ-4554

ATS - 02R79R

Sci-
Apr 67

321,601

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Khalikov, G. A.
THE UNSTEADY STATE FLOW OF OIL IN A CLOSED RESERVOIR WHEN THE BOTTOM HOLE PRESSURE DECLINES BELOW THE SATURATION PRESSURE.
[Apr 64] 5p
Order from ATS $5.75 ATS-46R75R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft i Gaz (USSR) 1963, v. 6, no. 9, p. 43-46.

(Mechanics--Hydraulics, TT, v. 12, no. 2)

TT-64-22091

I. Khalikov, G. A.
II. ATS-46R75R
III. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Yasov, V. G., Usenko, A. P., Bessonov, Yu. D., and Sirik, V. F.
EFFECT OF SOME PARAMETERS ON THE CHARACTERISTICS OF A DIRECT-ACTION HYDRAULIC HAMMER. 6p.
Order from ATS $3.75 ATS-60R75R

Trans. of Izv[estiya] Vyasshikh Uchebn[ykh] Zavedenii Neft' i Gaz (USSR) 1963, v. 6, no. 10, p. 19-23.

(Earth Sciences--Geology, TT, v. 12, no. 4)

TT-64-22257

I. Yasov, V. G.
II. Usenko, A. P.
III. Bessonov, Yu. D.
IV. Sirik, V. F.
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Karimov, Z. G.
A DETERMINATION OF THE STRESSES OCCURRING IN A DRILL STRING LOWERED WITH THE AID OF AN ELEVATOR OR DRILL PIPE SLIPS. 6p.
Order from ATS $5.65 ATS-84R75R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii. Neft' i Gaz (USSR) 1963, v. 6, no. 11, p. 23-27.

(Engineering, TT, v. 12, no. 4)

TT-64-22255

I. Karimov, Z. G.
II. ATS-84R75R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Reason for the Reduction in Paraffin Deposition in Wells Producing with Downhole Centrifuagal Electric Pump, by I. T. Mishchenko, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI, No 10, 1963, pp 47-50.
ATS RJ-4573

Sci-
Apr 67

321,605

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Solution of Certain Problems in the Flow of an Incompressible Fluid by Means of the Grid Method, by K. A. Allakhverdiev, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI, No 10, 1963, pp 35-39.
ATS RJ-4487

Sci-Phys
Apr 67

321,560

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

The Need ofr Using an Elastic Compensator in a Drill String, by S. G. Kalinin, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI, No 12, 1963, pp 23-28.
ATS RJ-4553

Sci-
Apr 67 321,600

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

K. V. Fomkin

Classification of Oil and Gas Pools According to the Time of Their Formation.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz, No 4, 1964, pp 3-5.
NTC 72-14059-08G

Nov 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

An Investigation of the Dynamics of the Movement of a Drill String in a Slant Hole, by M.P.Gulizade and K.B. Shakhbazbekov.
RUSSIAN, per, Iz.V.U.Z. Neft'i Gaz,1964, vol. 7, no. 1, pp.23-28.
ATS-51R76R

Eng
Aug 66

307,671

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Experimental Investigation of the Thermal Conductivity of Normal Alcohols,
by G. Kh. Mukhametzyanov, A. A. Tarzimanov.
RUSSIAN, per, Izv. VUZ Neft i Gaz. Vol 7,
No 1, 1964, pp 73-75.
SLA TT-66-10599

Sci-Chem
Jul 66 305,560

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Some Formulas for Calculating the Temperature Field of a Formation During Thermal Injection, by N. A. Avdonin, RUSSIAN, per, Izv. VUZ Neft i Gaz., Vol VII, No 3, 1964, pp 37-41.
ATS RJ-4474

Sci-Prop & Fuels
Apr 67 321,549

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

The effect of Water-Soluble Surfactants on the Capillary Properties of Formation Systems, by Sh. K. Gimatudinov and V. A. Nikolayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII, No 3, 1964, pp 43-47.
ATS RJ-4478

Sci-Phys
Apr 67 321,551

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Study of the Dependence of the Viscosity of Oils on Pressure and Temperature, by N. M. Amirbekov.
RUSSIAN, per, Iz VUZ Neft i Gaz, Vol 7, No 3, 1964, pp 69-73.
ATS-00589R

Sci-Materials
Oct 66

313,224

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Experimental Study of Oil Recovert and Phase Permeabilities in the Displacement of Oil by Water From a Porous Medium, by
I. B. Burtsev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII, No 4, 1964, pp 47-50.
ATS RJ-4483

Sci-Phys
Apr 67 321,556

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

The Mechanism and Effectiveness of the Actiim of Surface-Actine Agents in the Displacement of Oil From Porous Media, by V. A. Nikolayev and Sh. K. Gimatudinov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII, No 6, 1964, pp 39-43.
ATS RJ-4479

Sci-Phys
Apr 67 321,8552

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Possibility of Producing Isoprene by the Oxidative Dehydrgenation of Isoamyles, by A. A. Vartanov. RUSSIAN, per, Izv VUZ Neft i Gaz, Vol 7, No 6, 1964, pp 45-48.
ATS RJ-5165

Sci-Chem
July 69

385,733

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

The Unsteady-State Flow of a Fluid in a Fractured Reservoir, by R. G. Isayev, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII, No 10,1964,pp71-75.
ATS RJ-4500

Sci-
Apr 67 321,571

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Interpretation of the Results of Studies of Inhomogeneous Formations, by
I. F. Rakhimkulov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 8, 1964, pp 31-37.
ATS RJ-4486

Sci-Phys
Apr 67 321,559

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

On Various Methods of Calculating the Reservoir Temperature Field Under Heat Injection, by N. A. Avdonin.
RUSSIAN, per. Izvestiya Vyashikh Uchebnykh Zavedenii Neft i Gaz, No 8, 1964, pp 39-46.
NLL RTS 2962

Sci-Physics
Nov 67

345.309

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Various Methods for Calculating the Temperature Distribution in a Formation During Thermal Injection, by N. A. Avdonin, RUSSIAN, per, Izv. VUZ, Neft i Gaz., Vol VII, No 8, 1964, pp 39-46.
ATS PJ-4473

Sci-Prop & Fuels
Apr 67 321,548

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Calculation of the Water-Free Production Period in Oil Wells with Bottom Water, by A. P. Telkov and I. B. Burtsev, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII, No 8, 1964, pp 47-52.
NTS RJ-4548
NLL RTS 2966

Sci-
Apr 67 321,598

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Derivation of Simple Approximate Formulas Characterizing the Performance of an Enlarged Well Operating at Constant Bottom-Hole Presure, by V. E. Vlyushin and O. N. Kharin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII, No 8, 1964, pp 83-87.
ATS RJ-4485

Sci-Tech,
Apr 67 321,558

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

V. A. Elema

Experimental Study of the Thermal Properties of by-Product Petroleum Gas.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii, Neft i Gaz, No 8, 1964, pp 89-92
NTC 72-12280-07D
NTIS TT69-55050

Oct 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Kinetics of the Hydrogenolysis of Thiophenes and Sulfides Under Catalytic Reforming Conditions, by F. A. Feizkhanov.
RUSSIAN, per, Izv VUZ Neft i Gaz, Vol 7, No 9, 1964, pp 69-71.
ATS RJ-5164

Sci-Chem
July 69 385,732

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Filtration Properties of Drilling Muds, by
O. K. Angelopulo and L. K. Mukhin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 11, 1964, pp 20-24.
ATS RJ-4576

Sci-
Apr 67 321,606

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

A New Device for Determining the Static and Dynamic Hardness of Rocks under High Hydrostatic and Rock Pressures, by L. Ye. Simonyants, B. A. Zhlobinskiy, 4 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy. Neft' i Gaz, No 11, 1964, pp 31-34.
AIR/FTD/HT-23-1201-67

Sci-Earth Sci
Nov 68

366,325

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Semi-conductor Pressure Transducers for Gas Mixtures, by A. M. Nechushkin.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavednii. Neft i Gaz, vol. 7, no. 11, 1964, pp. 89-91.
NTC 71-12953-14B

JULY 71

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Temperature Stresses in Lined Petrochemical Columns, by I. L. Osipyan.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz, No 11, 1964, pp 105-106.
NTC-71-15674-07A

Feb 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Thermal Conductivity Measurements of Organic Liquids and Their Mixtures, by G. Kh. Mukhamedzyanov and A. G. Usmanov, et al, RUSSIAN, per, Izvestiya VUZ Neft Gaz., Vol VII, No 10, 1964, pp 70-74.
AEC NP-tr-1399

Sci-Chem
Nov 66 313,887

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Filtration Properties of Drilling Muds,
O. K. Angelopulo, L. K. Mukhin.
RUSSIAN, per, Izvestiya VUZ Neft i Gaz,
Vol 7, No 11, 1964, pp 20-24.
ATS-35S82R

Sci- Mech Indus Engr
Sept 66 310,415

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Semiconductors Pressure Tranducers for Gas Mixtures, by A. M. Nechushkin, RUSSIAN, per. Izv. VUZ Neft. Gaz., Vol VII, No 11, 1964, pp 89-91.
AEC SLAC-Trans-43

Sci-Nucl Sci
May 67 326,786

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Some Data on the Strength of Starch Gel and on th
Staling of Bread, by V. I. Nazarov, et al. UNCL.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy -
Pishchevaya Tekh, No 4, 1958, pp 131-135.

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(12s. 6d.)

Gel - Chem
Nov 59

100,769

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Increase of Activity of Hydrogenation Catalyst for Making Hard Isooleic Acid, by G. I. Kolesnikov.

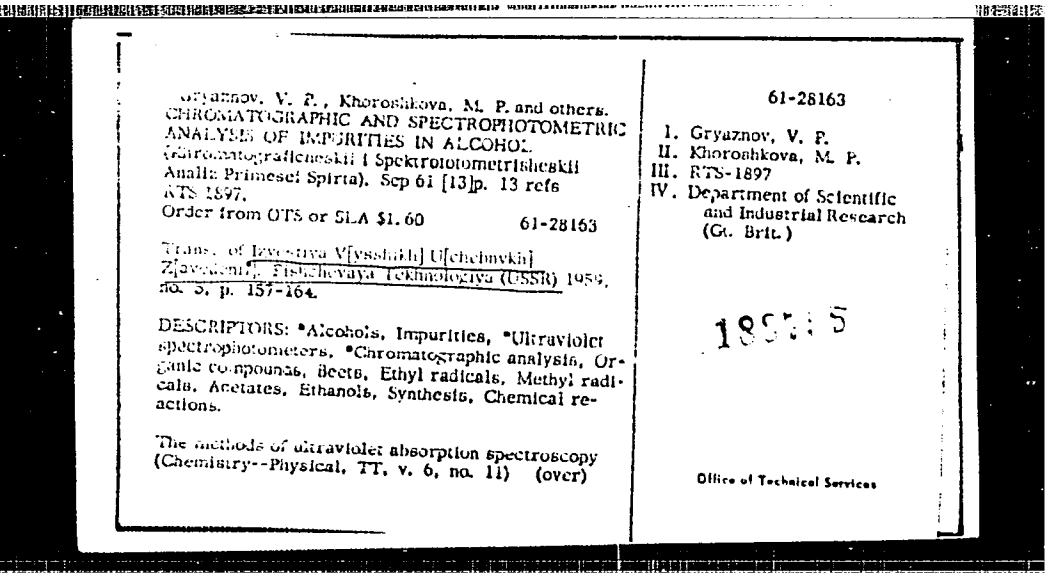
RUSSIAN, per, Izvest Vysshikh Ucheb Zavedenii Pishchevaya Tecknol, No 5, 1958, pp 48-52. (Chem Abs 53, 10805f 1959)

*PL-480
USDA

Sci -
Jun 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4



Gryaznov, V. P., Khoroshkova, M. P. and others.
CHROMATOGRAPHIC AND SPECTROPHOTOMETRIC ANALYSIS OF IMPURITIES IN ALCOHOL.
(Khromatograficheskii i Spektrofotometricheskii Analiz Primesei Spirta). Sep 61 [13]p. 13 refs
RTS 1897.
Order from OTS or SLA $1.60 61-28163

Trans. of Izvestiya V[yssh]i U[chebnykh] Z[avedenii]. Pishchevaya Tekhnologiya (USSR) 1959, no. 5, p. 157-164.

DESCRIPTORS: *Alcohols, Impurities, *Ultraviolet spectrophotometers, *Chromatographic analysis, Organic compounds, Beets, Ethyl radicals, Methyl radicals, Acetates, Ethanols, Synthesis, Chemical reactions.

The methods of ultraviolet absorption spectroscopy (Chemistry--Physical, TT, v. 6, no. 11) (over)

61-28163

I. Gryaznov, V. P.
II. Khoroshkova, M. P.
III. RTS-1897
IV. Department of Scientific and Industrial Research (Gt. Brit.)

1897 S

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

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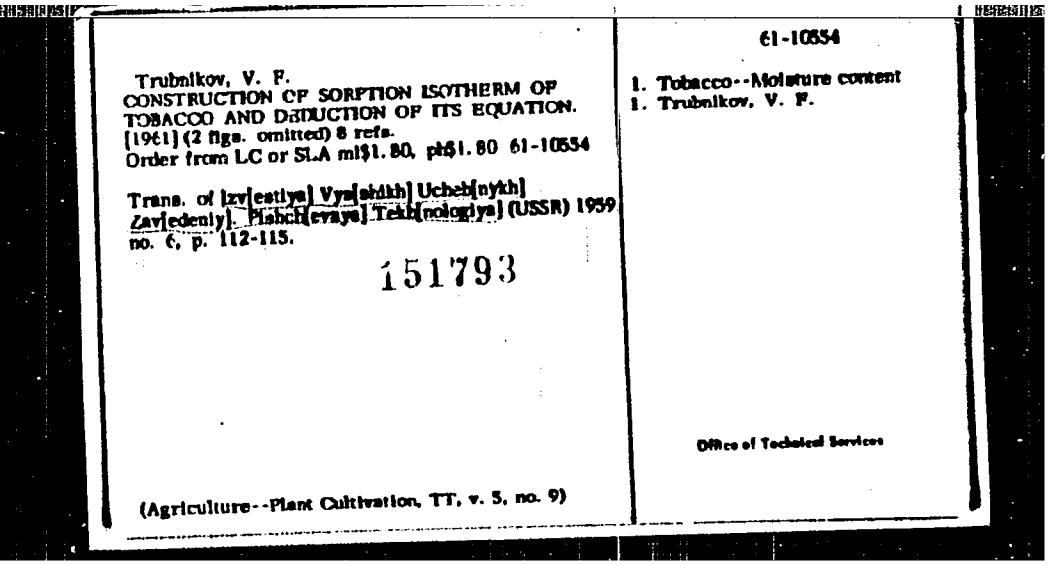

Trubnikov, V. F.
CONSTRUCTION OF SORPTION ISOTHERM OF TOBACCO AND DEDUCTION OF ITS EQUATION. [1961] (2 figs. omitted) 8 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10554

Trans. of [Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edeniy]. Pishch[evaya] Tekh[nologiya] (USSR) 1959 no. 6, p. 112-115.

151793

(Agriculture--Plant Cultivation, TT, v. 5, no. 9)

61-10554

1. Tobacco--Moisture content
1. Trubnikov, V. F.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Nitrogenous Substances of Cognac Spirit, by Ts. L. Petrosyan.

RUSSIAN, per, Iz Vyssshikh Uchebn Zaved, Pishchevaya Tekh, No 1, 1960, pp 144-145.

SLA 61-27040
NLL NTS 1398

Sci - Chem

Apr 62

189,808

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Popova, L. P.
COMPOSITION OF SMOKE FROM TOBACCO PREPARED BY DIFFERENT METHODS OF DRYING.
[1961] 9p. 16 refs.
Order from OTS or SLA $1.10 61-18830

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zaved[enii]. Pishch[evaya] Tekhnol[ogiya] (USSR) 1960, no. 4, p. 35-39.

DESCRIPTORS: *Tobacco,*Smokes, Chemical analysis, Combustion, *Nicotine, Plants, Agriculture, Botany, Cigarettes, *Dehydration.

Tobacco of the same botanical grade, grown in identical conditions, but dried by different methods, gave smoke having different chemical composition. The pH of an aqueous solution of the smoke is acid and is displaced in the alkaline direction on increasing the time
(Chemistry--Analytical, TT, v. 6, no. 10) (over)

61-18830

I. Popova, L. P.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Yunoshev, V. K.
DEVELOPMENT OF OXIDATIVE PROCESSES DUR-
ING TOBACCO FERMENTATION. [1962] 12p.
Order from K-H $15.00 K-H 11411-j

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1960, no. 5, p. 91-96.

DESCRIPTORS: Oxidation, *Tobacco, *Fermentation.

(Chemistry--Analytical, TT, v. 8, no. 7)

62-17678

I. Yunoshev, V. K.
II. K-H-11411-j
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Vasilenko, V. M.
LOSSES OF VOLATILE TOBACCO PRODUCTS DURING FERMENTATION. [1961] 9p. 20 refs.
Order from OTS or SLA $1.10 61-20048

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya (USSR) 1960, no. 5, p. 97-102.

DESCRIPTORS: *Tobacco, Processing, Oxidation, Carbon dioxide, Absorption, Determination, Vapor pressure, Moisture, Humidity, Temperature.

A method is described for determining total volatile products and carbon dioxide absorbed by an alkaline buffer solution of sodium hydroxide during the fermentation of tobacco. A considerable amount of carbon dioxide is formed during the fermentation. The relative amount of the carbon dioxide formed increases
(Agriculture--Plant Cultivation, TT, v. 7, no. 10)
(over)

61-20048

I. Vasilenko, V. M.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Asmaev, P. G. and Mokhnachev, L. G.
SEPARATION AND IDENTIFICATION OF TOBACCO KETO-ACIDS BY PAPER CHROMATOGRAPHY. [1961]
9p. 4 refs.
Order from OTS or SLA $1.10 61-20248

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya (USSR) 1960, no. 5, p. 160-164.

DESCRIPTORS: *Tobacco, *Ketones, *Acids, Separation, Identification, Chromatographic analysis, *Paper chromatography.

The results are reported of investigation of tobacco keto-acids. Ten keto-acids were found to be present, of which four are unknown, and the others are: α-keto-glutaric, pyrotartaric / two isomers/, oxaloacetic, glyoxalic and phenylpyrotartaric. (Author)
(Chemistry--Analytical, TT, v. 6, no. 12)

61-20248
63-16921
I. Asmaev, P. G.
II. Mokhnachev, L. G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Filin Koldakov, B. V. and Popova, L. P.
DETERMINATION OF ACIDS IN TOBACCO SMOKE BY POTENTIOMETRIC TITRATION IN A NON-AQUEOUS MEDIUM. Apr 62, 10p.
Order from K-H $12.50 K-H 11401-b

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1960, no. 5, p. 165-169.

DESCRIPTORS: *Tobacco, *Smokes, *Acids, *Titration.

(Chemistry--Analytical, TT, v. 8, no. 4)

62-12767

I. Filin Koldakov, B. V.
II. Popova, L. P.
III. K-H-11401-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Kurilenko, O. D., Kaban, A. P., and Nedyuzhin, A. A.
INVESTIGATION OF THE RHEOLOGICAL PROPERTIES OF SOLUTION OF STARCH PASTE, AMYLOSE AND AMYLOPECTIN. [1962] 8p.
Order from K-H $10.00 (#1.10) K-H 11891 SLA 62-14965

Trans. from Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya (USSR) 1961, no. 1. [p. 12-16]

DESCRIPTORS: *Fluid dynamic properties, Viscosity, *Starches, *Carbohydrates, *Polysaccharides, Colloids.

(Chemistry--Organic, TT, v. 9, no. 10)

62-17441

1. Title: Amylopectin
2. Title: Amylose
I. Kurilenko, O. D.
II. Kaban, A. P.
III. Nedyuzhin, A. A.
IV. K-H-11891
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Ermolenko, V. D.
A STUDY OF FORMS OF BONDS BETWEEN FOOD MATERIALS AND MOISTURE BY THE METHOD OF PHYSICAL CHARACTERISTICS. [1963] [14]p. 18 refs.
Order from OTS or SLA $1.60 63-14949

Trans. of [Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya] (USSR) 1961, no. 1 [p. 140-146].

DESCRIPTORS: Food, Moisture, *Sorption, *Flour, Bread, *Starches, *Bakery products, Physical properties, Heat treatment, Temperature, Electrical properties, Adhesion, Hygrometers.

Proposed is the method of a complex research of thermophysical, electrophysical and hygrometric characteristics, with the intention to clarify the forms of bonds between the moisture and the food products.
(Food, TT, v. 10, no. 7) (over)

63-14949

1. Ermolenko, V. D.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Mokhnachev, K. G.
DETERMINATION OF BOUND WATER-SOLUBLE CARBOHYDRATES IN TOBACCO. [1962] 8p.
Order from K-H $10.00 K-H 11455-f

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 2, p. 54-57.

DESCRIPTORS: *Tobacco, Chemical analysis, *Carbohydrates, Determination.

(Chemistry--Analytical, TT, v. 8, no. 4)

62-17530

I. Mokhnachev, K. G.
II. K-H-11455-f
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

STI-TT-61-11516

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Asmaev, P. G. and Mokhnachev, L. G.
THE CHANGE IN BOUND WATER-SOLUBLE CARBOHYDRATES OF TOBACCO DURING ITS TREATMENT. [1963] 14p. 7 refs.
Order from OTS or SLA $1.60 63-16920

Trans. of Izvest[iya] Vyashikh Uchebnykh Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 2, p. 58-63.

DESCRIPTORS: *Carbohydrates, Processing, *Tobacco, Taste, Toxicity.

The change in different groups of bound carbohydrates determined by the phenol-H_2SO_4 method, during the treatment of tobacco, is investigated. Hypotheses are advanced on the composition of the bound hydrocarbons of each group. (Author)

(Chemistry--Analytical, TT, v. 10, no. 9)

63-16920

I. Asmaev, P. G.
II. Mokhnachev, L. G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Popova, L. P.
COMPOSITION OF SMOKE FROM TOBACCOS SUBJECTED TO DIFFERENT FERMENTATION CONDITIONS. [1962] 8p.
Order from K-H $10.00 K-H 11538-c

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 3, p. 97-101.

DESCRIPTORS: *Tobacco, *Smokes, Analysis, *Fermentation

(Biological Sciences--Botany, TT, v. 8, no. 4)

62-17588

I. Popova, L. P.
II. K-H-11538-c
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Yunoshev, V. K.
QUANTITATIVE CHANGES OF CHLOROGENIC AND CAFFEIC ACIDS IN THE FERMENTATION OF TOBACCO. [1962] 10p. 19 refs.
Order from OTS or SLA $1.10 62-16515

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4, p. 44-50.

DESCRIPTORS: *Tobacco, *Fermentation, Quantitative analysis, Temperature, Oxidation, Phenols, *Caffeic acids, *Chlorogenic acids

The effects of time and temperature of fermentation of tobacco on β-glycosidase activity and on the content of non-oxidised forms of chlorogenic and caffeic acids were investigated. It was found that in the initial stages of the fermentation the quantities of chlorogenic and caffeic acids decrease independently of the tem-
(Chemistry, TT, v. 8, no. 10) (over)

62-16515

I. Yunoshev, V. K.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Asmaev, P. G. and Popova, L. P.
AMOUNT AND COMPOSITION OF THE SOLID-LIQUID PHASE OF TOBACCO SMOKE. [1962] 11p.
15 refs.
Order from OTS or SLA $1.60 63-10684

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4, p. 51-57.

DESCRIPTORS: *Tobacco, *Smokes, *Phase studies, Solids, Liquid, *Cigarettes, Hydrocarbons, Chemical analysis.

The relation between the amount of the solid-liquid phase of tobacco smoke and the time of burning of the cigarette and the moisture content of tobacco was determined. The amounts of water, higher hydrocarbons, steam volatile oil, alkaloids, non-saponifiable
(Chemistry--Analytical, TT, v. 9, no. 11) (over)

63-10684

I. Asmaev, P. G.
II. Popova, L. P.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Tsonev, L. K.
CHANGES OF ESSENTIAL OILS AND RESINS IN THE TOBACCO DRYING PROCESS. [1962] 6p. 25 refs. Order from OTS or SLA $1.10 62-16516

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edeniі]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4, p. 58-61.

DESCRIPTORS: *Tobacco, Dehydration, Oils, Resins, Chemical analysis, *Smokes.

The amounts of essential oils and resins in tobaccos dried by various methods were determined. Fractional composition of the resins was investigated. The amount of ethereal oils and resins increases and the quality of the resins improves with increasing time of drying of tobacco. (Author)
(Chemistry--Analytical, TT, v. 8, no. 8)

62-16516

I. Tsonev, L. K.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Biochemical Changes in Meat Resulting From Ionizing Radiation, by V. V. Pal'min, Izv.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Pishchevaya Tekhnolog, No 2, 1962, pp 76-81.

*ACSI I-3918
ID 2253819

Sci - Chem
Jan 64

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Analysis of Water Absorption and Moisture Yield of Staple Fabrics For Dress and Coat Materials, by M. M. Diancih.
RUSSIAN, per, Izvest. Vyss. Ucheb. Zaved. Tekhnol. Tekstil. Prom., No 3, 1962, pp 32-36.
GB/121

Sci -
Aug 67

334,924

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

A Study of the Temperature Range in the Resistance Heating of the Meat of Sausage Products, by A. Yu. Vaikutite.
RUSSIAN, per, Izvestiya VUZ, Pishchevaya Tekhnologiya, 1962, No 4, pp 49-52.
NLL RTS 2347 (On Loan or Purchase)

Aug 65 288,874

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

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Autolytic and Denaturation Changes of the Components of Muscle Tissue During Chilling And Freezing of Meat, by P. ye. Pavlovskii RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch. Tekh. Vol. 5, No. 30, 1962, pp 52-57
GB/320/(Annn)

Sci -
Aug 67

336-044

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Alekseev, N. N.
ON THE DETERMINATION OF THE POTENTIAL OF MOISTURE TRANSMISSION IN TOBACCO. [1963]
10p 8refs
Order from OTS or SLA $1.10 63-20135

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1962, no. 4, p. 144-149.

DESCRIPTORS: Mathematical analysis, *Moisture, *Tobacco, *Hygrothermagraphs.

It was found that the equilibrium partial water vapour pressure can be used as the potential of moisture transmission in capillary-porous colloidal materials in the hygroscopic region. The principles of the sorptional hysteresis are stated. A universal diagram of state of moist tobacco is proposed. (Author)
(Chemistry--Physical, TT, v. 10, no. 11)

63-20135

I. Alekseev, N. N.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Trubnikov, V. F. and Chenikov, V. V.
KINETICS OF THE VAPOUR SORPTION BY TOBACCO LEAVES. [1963] 8p (2 figs. omitted) 4refs
Order from OTS or SLA $1.10 63-18932

Trans. of Izv[estiya] Vys[shikh] Uchebn[ykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1962, no. 4, p. 150-153.

GB/116

DESCRIPTORS: *Tobacco, *Absorption, *Moisture, Sorption, Temperature, Humidity, Fermentation, Cigarettes, Smokes, Processing.

The authors quote experimental data on the absorption of moisture by tobacco leaves in the current of air, and show the relation between the rate of absorption of moisture and temperature and humidity. It is shown that the process of sorption of water by non-fermented tobacco consists of two periods, having different vapour sorption coefficients. A formula for the determination
(Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18932

I. Title: Leaves
I. Trubnikov, V. F.
II. Chenikov, V. V.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Study of the Possibility of Using Preslaughter Adrenalization in the Meat Industry, by V.V. Pal'min.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch. Tekh Vol. 1, 1963, pp 66-71
GB/320 (Anon)

Sci -
Aug 67

336-043

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Lead Content of Canned Fish, by F.M. Purikov.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch. Tekh, Vol. 33, No. 2, 1963, pp 32-35
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Sci -
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336-045

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Breakdown Of the Albumins In Muscular Tissue When Meat is Thawed, by P. E. Pavloskii, M. P. Grigoreva.
RUSSIAN, per, Izv.vyssh.ucheb.Zaved., Pishch.Tekh.,
No 2,
1963, pp 47-51
GB 352/245
NLL/RTS 2660-125 6d

Sci -
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Effect of Temperature Regimes on the Plastic Structure of the Fat Basis of Margarine, by N. I. Kozin, E. N. Makarenko.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Pishchevaya Tekh, No 2, 1963, pp 77-82.

NLL RTS 2469 (loan)

Sep 64

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Neutralisation of Fatty Acid Impurities in Vegetable Oils and Fats in Non'Packed Spray Columns, by N. P. Ikhno.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Pischevaya Tekh, No 2, 1963, pp 130-137.

NLL RTS 2470 (loan)

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R-4459-D

A Method for Determining the Quality of Wheat Flour by Soaking it in Acids, by M. I. Knyaginichev, V. I. Komarov.
RUSSIAN, per, Iz VUZ, Pishchevaya Tekh, No 6, 1963, pp 132-135.

*JPRS/USDA

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

A Study of the Properties of Specific Alkyl Sulphates and Alkyl Sulphates Made From Synthetic Aliphatic Alcohols, by A. A. Lesyuis, et al. RUSSIAN, per, Izvestiya Vysshikh Uchebiykh Zavedenii Pishchevaya Tekh, Vol 29, No 8, 1963, pp 22-24.
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The Breakdown of the Albumins in Muscular Tissue When Meat is Thawed, by P. E. Pavlovskii, M. P. Grigoreva.
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Sci - R&M Behavoir & Soc Sci
OCT 67

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Problem of Changes in the Meat After Slaughter of the Animals, by A.A. Sokolov.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch Tekh, Vol. 35, No. 4, 1963, pp 86-89
GB/320 (Anon)

Sci -
Aug 67

336-046

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Phase Equilibrium Between Liquid and Vapour in the Ternary System Ethanol-Water-Propanol, by B. D. Motyushev.
RUSSIAN, par. Izvest. Vyssh. ucheb. zav. pishch. tekh., Vol 4, 1963, pp 123-126.
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Concerning Some Features of Wetting and Dehydration of Grain, by G. A. Yegorov.
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Sci - B/H
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Structural Mechanical Properties of Starch Pastes, by E. I. Kovalevskaya.
RUSSIAN, per, Iz VUZ Pishchevaya Tekhnologiya, No 1, 1964, pp 40-43.
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Sci - B/M
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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830037-4

Communication. Determination of Functional Groups Proteins, by N. N. Meltyeva.
RUSSIAN, per, Iz VUZ Pishchevaya Teckhnologiya, No 1, 1964, pp 61-63.
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The Influence of Wetting of Maize Grain on Its Physico-Mechanical Properties, by I. K. Chaika.
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Sci - B/M 296,182
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Concerning Cream-Forming Capacity of Butter, by V. M. Vergelesov, B. A. Nikolayev.
RUSSIAN, per, Iz VUZ Pishchevaya Teckhnologiya, No 1, 1964, pp 87-94.
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A System for Automatic Recording of Pressures in Sublimation Drying of Products, by K. P. Rusnnova, V. V. Demyanovsky.
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